PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

	nt Application of: 'ANG, Xiao Bing et al.)	Group Art Un	it: 1637
Serial No	.: 09/618,129)	Examiner:	SPIEGLER, A
Filed: 17	July 2000)	Atty. Docket	No. TRIM1
V	ETECTION OF SEQUENCE ARIATION OF NUCLEIC ACID Y SHIFTED TERMINATION)))		
A	NALYSIS)		

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 on May 28, 2003.

Typed or printed name of person signing this certificate

Signature & T

TRANSMITTAL OF SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS) AND COPIES OF IDS CITATIONS UNDER 37 C.F.R. 1.97(c)

May 28, 2003

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the continuing duty under 37 C.F.R. § 1.56 to disclose to the United States Patent and Trademark Office any information that may be material to the patentability of the above-identified invention, Applicants hereby disclose the references listed on the attached Form PTO-1449 for the above-identified patent application along with copies of each listed

1159980_1.DOC 1

reference. An English translation of reference B1 (RU 97117182) is also included pursuant to

M.P.E.P. 609 III A (3).

References B2-B5 were originally submitted in an Information Disclosure Statement on

September 6, 2001. The dates originally listed for each reference on PTO Form 1449

corresponded to the filing dates of each reference. Accordingly, Applicants are re-submitting the

references and have listed the publication dates, rather than the filing dates.

Reference B6 was originally submitted in a Supplemental Information Disclosure

Statement on April 22, 2003. The page number listed for the reference on PTO Form 1449 only

included the first page of the reference. Accordingly, Applicants are re-submitting the reference

and have listed all of the pages of the reference.

The submission of these references shall not serve as an indication that a search has been

conducted on the claimed subject matter, nor shall the submission be deemed an admission that

these references are, or are considered to be, material to the patentability of the above-identified

patent application.

Applicants have enclosed check # 314838 in the amount of \$180.00 to cover the fee

under 37 C.F.R. § 1.97 (c) and 37 C.F.R. § 1.17 (p). No other fee is deemed due in connection

with filing this Supplemental Information Disclosure Statement, however, if a fee is deemed to

be due the Commissioner is hereby authorized to charge such fee to Deposit Account No. 20-

1507.

Respectfully submitted,

TROUTMAN SANDERS LLP

Rv.

Charles Vorndran

Reg. No. 45,315

Troutman Sanders LLP Bank of America Plaza, Suite 5200 600 Peachtree Street, N.E.

Atlanta, Georgia 30308-2216

Tel. No.: (404) 885-3813 Fax No.: (404) 962-6866

PTO/SB/08A (04-03)

Approv .r use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Inder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	Substitute for form 1449A/PTO		Complete If Known			
					Application Number	09/618,129
	INFO	RMATIO	N DISC	CLOSURE	Filing Date	17 July 2000
				PLICANT	First Named Inventor	WANG, Xiao Bing
		e as many sh			Group Art Unit	1637
(445 45 1141.5) 5111010 411 1141 1141				••	Examiner Name	SPIEGLER, Alexander
	Sheet	eet 1 of 2		Attorney Docket Number	TRIM1	

					U.S. FATE	NT DOCUMENTS	
Examiner Initials	examiner Cite Initials No. 1		Kind (Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials	Cite No.	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T6
	B1	RU	97117182	Α	8/20/1999			X
	B2	EU	0 497 527	A1	8/5/1992	Imperial Chemical Industries Inc.		
	В3	EU	0 663 447	A2	7/19/1995	Eiken Chemical Co., Ltd.		
	B4	RU	10,113		1999	Russian Office Action		X
	B5	RU	2,099,426	C1	12/20/1997			

Examiner	Date
Signature	Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kind Codes of U.S. Patent Documents at www.uspto.gov. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing and submitted the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestion for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031
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Complete If Known Substitute for form 1449B/PTO Application Number 09/618,129 17 July 2000 Filing Date INFORMATION DISCLOSURE WANG, Xiao Bing First Named Inventor STATEMENT BY APPLICANT 1637 Group Art Unit (use as many sheets as necessary) SPIEGLER, Alexander Examiner Name TRIM1 2 Attorney Docket Number 2 of Sheet

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number)s), publisher, city and/or county where published.	T²
	В6	Konopka et al., An Alteration of the Human c-abl Protein in K562 Leukemia Cells Unmasks Associated Tyrosine Kinase Activity, CELL 37, 1035-1042 (1984)	
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Examiner Date Considered

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

TBAD

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing and submitted the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestion for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Approve. use through 10/31/2002. OBM 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

	<u> </u>	
Application Number	09/618,129	
Filing Date	17 July 2000	
First Named Inventor	WANG, Xiao Bing	-
Group Art Unit	1637	
Examiner Name	SPIEGLER, Alexander	
Attorney Docket Number	TRIM1	

		ENCLOSURES (check all that apply)	
314838 for \$18 Amendment/Re After Fin Affidavit Extension of Ti Express Abando Supplemental In	ached = check # 80.00 eply nal ts/declaration(s) time Request conment Request	Assignment Papers Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer Request for Refund CD, Number of CD(s)	After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Other Enclosure(s) (please identify below): Return Postcard; Substitute Form PTO-1449; Copies of Cited References
Supplemental Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53		Remarks:	
		RE OF APPLICANT, ATTORNEY, OI	R AGENT
	harles Vorndran eg. No.: 45,315	Vorme	
Date Ma	ay 28, 2003		
		CERTIFICATE OF MAILING	

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Date May 28, 2003

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

	Complete if Known								
Application Number	09/618,129								
Filing Date	17 July 2000								
First Named Inventor	WANG, Xiao Bing								
Examiner Name	SPIEGLER, Alexander								
Group Art Unit	1637								
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METHOD OF PAYMENT (check all that apply)							FE	E CAI	CULATION (continued)	
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Large Entity	Small	Entity			1401	320	2401	160	Notice of Appeal	
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1001 740 1002 330	2001	165	Design filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1003 510	2003	255	Plant filing fee		1452	110	2452	55	Petition to revive - unavoidable	
1004 740 1005 160	2004 2005	370 80	Reissue filing fee Provisional filing fe	*	1453	1280	2453	640	Petition to revive - unintentional	
1005 100			OTAL (1) (\$)		1501	1,280	2501	640	Utility issue fee (or reissue)	
2. EXTRA CL	AIM FEE	S FOR	UTILITY AND R	EISSUE	1502	460	2502	230	Design issue fee	
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Total Claims		7-20**	=	- []	1460	130	1460	130	Petitions to the Commissioner	
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Fee Fee Code (\$)	Fee Code	Fee (\$)	Fee Desc		1809	740	2809	370	(times number of properties) Filing a submission after final rejection (37 CFR 1.129(a))	
1202 18	2202	-	Claims in excess of 2		1810	740	2810	370	For each additional invention to be examined	
1201 84 1203 280	2201 2203		Independent claims it Multiple dependent cl			740	2801	370	(37 CFR § 1.129(b) Request for Continued Examination (RCE)	\vdash
1203 280	2204	42	** Reissue independ	ent claims over	1801		1802	900	Request for expedited examination of a design	
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SUBMITTED BY	Complete (if applicable)					
Name (Print/Type)	Charles Vorndran	1/ 0	Registration. No. (Attorney/Agent)	45,315	Telephone	(404) 885-3561
Signature	(hunder	Voul			Date	May 28, 2003

WARNING: Information f this may bec me public. Credit card information should n t be included on this form. Pr vide credit card inf rmation and authorization n PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Form PTC					122001.1			al No. 18,129	
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Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE



IN THE U.S. PATENT AND TRADEMARK OFFICE TS Mail Room: Return to Docket Cl rk 46

Pat./Ser. No.: 09/618,129 TS No.: TRIM1 Inventor: Wang Client: Trimgen Corporation Date: Title: Detection of Sequence Variation	Atty/Sec: <u>Charles Vorndran/KLH</u> May 28, 2003
The _Jllowing has been received in the U.S. Patent and Tr. Revocation of Power of Attorney Power of Attorney/Change of Correspondence Address Transmittal Form Priority Document Informal Drawings sheets Formal Drawings sheets Information Disclosure Statement with citations Continued Prosecution Application (CPA) Prior Art Preliminary Amendment Assignment w/cover sheet	Amendment: - OA dated Status Inquiry Notice of Appeal and Fee Issue Fee Advance Patent Copies Check - \$ 180.00 Transmittal of Supplemental IDS w/citations Return Postcard Fee Transmittal Form
JUN 10 2003	JUN 0 2 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Xiao Bing Wang

Serial No.: 09/618,129

Filed: July 17, 2000

Confirmation No.: 8510

Group Art Unit: 1637

Examiner: Alexander Spiegler

Docket No.: 122001.1020

Detection of Sequence Variation of Nucleic

Acid by Shifted Termination Analysis

COMMUNICATION

Mail Stop: AF

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

For:

Applicant respectfully requests the Examiner consider the attached English translation of Russian Patent Application No. 97117182 and associated documents. Applicants submitted the reference in an Information Disclosure Statement filed on May 28, 2003, a copy of which is attached together with the appropriate fee. Applicant also attaches a copy of the date-stamped return postcard indicating that the USPTO received the Information Disclosure Statement.

Applicant respectfully requests the Examiner to make the reference of record in the above-referenced application and to return the initialed PTO-1449 to Application. Applicant notes that the other references listed on the May 28, 2003, IDS have been made of record by the Examiner.

Because the reference was previously submitted with the requisite fee, Applicant believes no fee is due with this paper; however, if the Examiner determines a fee is required, the Commissioner is authorized to charge any requisite fee to Deposit Account No. 20-0778. In the event a Petition for an extension of time is required, this paper is to be considered such a petition.

Respectfully Submitted,

THOMAS, KAYDEN, HORSTEMEYER

& RISLEY, L.L.P.

By:

Charles Vorndran, Reg. No. 45,315

100 Galleria Parkway, Suite 1750 Atlanta, Georgia 30339-5948 770-933-9500

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

n Re Application of:

Xiao Bing Wang

Serial No.: 09/618,129

Filed: July 17, 2000

Confirmation No.: 8510

Group Art Unit: 1637

Examiner: Alexander Spiegler

Docket No.: 122001.1020

For:

Detection of Sequence Variation of Nucleic Acid by Shifted Termination Analysis

CERTIFICATE OF EXPRESS MAIL

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

Enclosed for filing in the above case are the following documents:

- 1. Communication;
- Reference No. RU 97117182 2.
- 3. Copy of Supplemental Disclosure Statement with PTO-1449 Form and PTO date stamped Postcard dated May 28, 2003:
- Certificate of Express Mailing; and 4.
- 5. Return Receipt Postcard.

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.

Respectfully submitted.

Charles Vorndran, Ph.D.

THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.

100 Galleria Parkway, N.W.

Suite 1750

Atlanta, Georgia 30339-5948

Our Docket No: 122001-1020

I hereby certify that all correspondences listed above are being deposited for delivery to the above addressee, with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR §1.10 on the date indicated below:

The envelope has been given U.S. Postal Service "Express Mail Post Office To

Addressee" Package # EV 269332189 US